



1. MANHOLE FRAME AND COVER FURNISHED IN CAST GRAY IRON CONFORMING TO AASHTO DESIGNATION M 105, CLASS 30B.
2. USE PRECAST CONCRETE GRADE RINGS TO ACHIEVE FINISH GRADE ELEVATION. PRECAST GRADE ARE FURNISHED IN HEIGHTS OF 4", 6" AND 8". TOTAL HEIGHT OF GRADE RINGS NOT TO EXCEED 1'-0". CONFORM ALL PRECAST GRADE RINGS TO AASHTO DESIGNATION M 199.
3. DIMENSION OF GRATE OPENINGS MAY VARY AMONG MANUFACTURERS. SUBMIT SHOP DRAWING FOR APPROVAL PRIOR TO INSTALLATION.
4. ESTIMATED WEIGHT OF FRAME AND COVER 385 LBS.

DESIGN DATA

MS 18 (HS 20) OR INTERSTATE ALTERNATE LOADING IN ACCORDANCE WITH CURRENT AASHTO AND INTERIM SPECIFICATIONS.

STD DWG		MANHOLE FRAME AND GRADED COVER		UTAH DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION SALT LAKE CITY, UTAH						REVISIONS							
GF 1				RECOMMENDED FOR APPROVAL													
				CHAIRMAN STANDARDS COMMITTEE APPROVED						JULY 03,2002 DATE							
				DEPUTY DIRECTOR						JULY 03,2002 DATE							
		STANDARD DRAWING TITLE								NO.	DATE	APPR.	REMARKS				